

CUSTOMER NO.: 38107

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: ) Examiner: Pablo S. Whaley  
J. David Schaffer et al. )  
Serial No.: 10/597,767 ) Art Unit: 1631  
Filed: August 7, 2006 ) Confirmation: 3848  
For: **GENETIC ALGORITHMS FOR** )  
**OPTIMIZATION OF GENOMICS-** )  
**BASED MEDICAL DIAGNOSTIC** )  
**TESTS** )  
Mail Date of Restriction: March 31, 2010 )  
Attorney Docket No.: ) Cleveland, OH 44114  
US040120US3 / PKRZ 2 00944 US01 ) December 20, 2010

**AMENDMENT A**

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Responsive to the Office Action mailed August 17, 2010, Applicants respectfully request entry of these amendments and remarks and respectfully request reconsideration and allowance of the application.

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**CERTIFICATE OF ELECTRONIC TRANSMISSION**

I certify that this **AMENDMENT A** and accompanying documents in connection with U.S. Serial No. 11/914,951 are being filed on the date indicated below by electronic transmission with the United States Patent and Trademark Office via the electronic filing system (EFS-Web).

Dec 21 2010  
Date

Patricia A. Heim  
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**DEPOSIT ACCOUNT**

The Patent Office is authorized to charge any fees associated with this filing to our deposit account no. **14-1270**

Thomas M. Lundin  
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Thomas M. Lundin, Reg. No. 48,979